

REMARKS

Claims 1-16 and 20 will be pending in the current Application upon entering this Amendment. Claims 1, 2, 6, 7, 15, and 16 have been amended; claims 17-19 have been cancelled without prejudice; and claim 20 has been added. Applicants submit that the amendments do not add new matter to the current Application. All the amendments herein have been made in order to clarify the claims and not for prior art reasons. Applicants also submit that (1) no amendment made was related to the statutory requirements of patentability unless expressly stated herein, and (2) no amendment made was for the purpose of narrowing the scope of any claim, unless Applicants have argued herein that such amendment was made to distinguish over a particular reference or combination of references.

Claim Objections

Applicants have amended claims 2 and 16; therefore, the Examiner's claim objections are now moot.

Rejection of claims 1-8 and 17 under 35 U.S.C. 102

Applicants respectfully submit that claims 1-8 are patentable over US Patent No. 5,203,025 (hereinafter referred to as Anvari). (Note that claim 17 has been cancelled, without prejudice.) Applicants submit that claim 1 is not taught or suggested by Anvari. Applicants have amended claim 1 to include that the higher frequency unit receives first and second radio signals and provides first and second baseband signals, wherein the bypass signals selects whether the output of the baseband unit is a function of the first baseband signal combined with the second based signal based on at least the first selection state. That is, the signals received from the sensors are first translated to baseband before selectively being combined in the baseband unit. Anvari only discusses the combination of intermediate frequency signals depending on the ratio of the magnitudes of the signals (see, e.g. the Abstract.) Mixers 10 and 16 only translate the signals to an intermediate frequency (see also col. 2, lines 58-66). The

intermediate frequency signals (whether combined or not) are then provided in analog form to a base band processor (see FIG. 1). Thus, the base band processor of Anvari does not selectively combine the signals. Therefore, for at least these reasons, Anvari does not teach or suggest translating the signals to baseband and selectively combining them as claimed in claim 1.

Claims 2-8 have not been independently addressed because they depend directly or indirectly from allowable claim 1, and are therefore allowable for at least those reasons stated above with respect to claim 1.

Rejection of claims 9-11 and 15 under 35 U.S.C. 103(a)

Applicants respectfully submit that claims 9-11 and 15 are patentable over Anvari in view of US Patent No. 5,659,572 (hereinafter referred to as Schilling). Applicants submit that claims 9-11 are patentable over Anvari in view of Schilling for at least those reasons described above in reference to claim 1 since claims 9-11 depend directly or indirectly from allowable claim 1.

Applicants also submit that claim 15 is patentable over Anvari in view of Schilling because neither Anvari, Schilling, nor their combination teach or suggest each and every limitation of claim 15. For example, applicants have amended claim 15 to include that the first means translates the first and second signals to baseband, wherein the bypass signal selects, based upon at least the first selection state, whether the output of the baseband means is a function of the first translated signal combined with the second translated signal. Therefore, the signals received from the sensors are first translated to baseband before selectively being combined in the baseband means. Anvari only discusses the combination of intermediate frequency signals depending on the ratio of the magnitudes of the signals (see, e.g. the Abstract.) Mixers 10 and 16 only translate the signals to an intermediate frequency (see also col. 2, lines 58-66). The intermediate frequency signals (whether combined or not) are then provided in analog form to a base band processor (see FIG. 1). Thus, the base band processor of Anvari does not selectively combine the translated signals. Furthermore, Schilling does not teach or suggest these limitations of claim 15 either. Therefore, for at least these reasons, Anvari and Schilling, alone or in combination, do not teach or suggest translating the signals to baseband and selectively combining them as claimed in claim 15.

Conclusion

Although Applicants may disagree with statements made by the Examiner in reference to the claims and the cited references, Applicants are not discussing all these statements in the current Office Action, yet reserve the right to address them at a later time if necessary.

Applicant respectfully solicits allowance of the pending claims. Contact me if there are any issues regarding this communication or the current Application.

If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117.

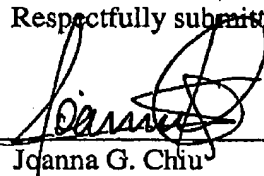
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